

Project Title	Funding	Strategic Plan Objective	Institution
Gene dosage imbalance in neurodevelopmental disorders	\$690,019	Q1.S.E	Weis Center For Research - Geisinger Clinic
Early identification of autism: A prospective study	\$481,734	Q1.L.A	University of Pittsburgh
Temporal coordination of social communicative behaviors in infant siblings of children with autism	\$0	Q1.L.A	University of Pittsburgh
Sensor-based technology in the study of motor skills in infants at risk for ASD	\$242,606	Q1.L.A	University of Pittsburgh
Early social and emotional development in toddlers at genetic risk for autism	\$369,348	Q1.L.A	University of Pittsburgh
Electrophysiological signatures of language impairment in autism spectrum disorder	\$344,521	Q1.L.B	University of Pennsylvania/Children's Hospital of Philadelphia
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$16,000	Q1.L.B	Carnegie Mellon University
Autoimmunity against novel antigens in neuropsychiatric dysfunction	\$320,000	Q2.S.A	University of Pennsylvania
Functional circuit disorders of sensory cortex in ASD and RTT	\$254,976	Q2.S.D	University of Pennsylvania
Functional neuroimaging of attention in autism	\$234,240	Q2.S.E	University of Pennsylvania/Children's Hospital of Philadelphia
Assessing sleep regulation, sleep-dependent memory consolidation, and sleep-dependent synaptic plasticity in mouse genetic models of schizophrenia and autism spectrum disorders	\$0	Q2.S.E	University of Pennsylvania
Simons Variation in Individuals Project (VIP) Recruitment Coordination Site	\$66,702	Q2.S.G	Weis Center For Research - Geisinger Clinic
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$303,305	Q2.S.G	Children's Hospital of Philadelphia
Simons Variation in Individuals Project (VIP) Structural Imaging and Phenotyping Site - SCAP-local	\$0	Q2.S.G	Children's Hospital of Philadelphia
A study of autism	\$162,232	Q2.L.B	University of Pennsylvania
ACE Center: Disturbances of affective contact: Development of brain mechanisms for emotion	\$157,294	Q2.Other	University of Pittsburgh
Novel computational methods for higher order diffusion MRI in autism	\$665,572	Q2.Other	University of Pennsylvania
Development of ventral stream organization	\$137,338	Q2.Other	University of Pittsburgh
Cognitive control of emotion in autism	\$103,256	Q2.Other	University of Pittsburgh
Collaborative research: The path to verb learning	\$0	Q2.Other	Temple University
Transcriptional responsiveness in lymphoblastoid cell lines	\$52,863	Q2.Other	University of Pennsylvania
ACE Center: Development of categorization, facial knowledge in low & high functioning autism	\$392,439	Q2.Other	University of Pittsburgh
Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	\$0	Q2.Other	Carnegie Mellon University

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CDI-TYPE II: From language to neural representations of meaning	\$0	Q2.Other	Carnegie Mellon University
ACE Center: Diffusion tensor MRI + histopathology of brain microstructure + fiber pathways	\$1	Q2.Other	University of Pittsburgh
Exploring the uncanny valley	\$0	Q2.Other	Carnegie Mellon University
Collaborative research: Learning complex auditory categories	\$0	Q2.Other	Carnegie Mellon University
A developmental social neuroscience approach to perception-action relations	\$0	Q2.Other	Temple University
Using functional physiology to uncover the fundamental principles of visual cortex	\$307,593	Q2.Other	Carnegie Mellon University
Eye movement dynamics in autism spectrum disorders	\$42,350	Q2.Other	Carnegie Mellon University
ACE Center: Systems connectivity + brain activation:imaging studies of language + perception	\$426,284	Q2.Other	University of Pittsburgh
Early life environmental exposures and autism in an existing Swedish birth cohort	\$0	Q3.S.H	Drexel University
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) network	\$2,864,377	Q3.L.A	Drexel University
The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum	\$75,000	Q3.L.B	The Pennsylvania State University
Autism Genome Project (AGP) Core Consortium	\$50,985	Q3.L.B	University of Pittsburgh
Mitochondria and the etiology of autism	\$87,500	Q3.L.B	Children's Hospital of Philadelphia
A genome-wide search for autism genes in the SSC Pittsburgh	\$0	Q3.L.B	University of Pittsburgh
Novel animal models of impaired social behavior and anxiety: A role for MeCP2	\$198,000	Q3.L.C	University of Pennsylvania
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$900,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
A history of behavioral genetics	\$19,900	Q3.Other	University of Pittsburgh
Validating electrophysiological endophenotypes as translational biomarkers of autism	\$28,049	Q4.S.B	University of Pennsylvania
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	\$542,684	Q4.S.B	University of Pennsylvania
Adverse prenatal environment and altered social and anxiety-related behaviors	\$0	Q4.S.B	University of Pennsylvania
Neurobiology of sociability in a mouse model system relevant to autism	\$350,831	Q4.S.B	University of Pennsylvania
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	\$0	Q4.S.C	Thomas Jefferson University
Efficacy and sustainability of the STAR program	\$383,488	Q4.S.D	University of Pennsylvania

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5/5-Randomized trial of parent training for young children with autism	\$236,226	Q4.S.D	University of Pittsburgh
A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders	\$100,000	Q4.S.F	University of Pittsburgh
1/3-Atomoxetine placebo and parent training in autism	\$269,971	Q4.S.F	University of Pittsburgh
Treatment of sleep disturbances in young children with autism	\$222,265	Q4.S.H	University of Pittsburgh
Implementing evidence-based social skills interventions in public school settings	\$0	Q4.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
Leadership Education in Neurodevelopmental Disabilities	\$26,000	Q4.Other	University of Pennsylvania
Adapting cognitive enhancement therapy for ASD	\$198,582	Q4.Other	University of Pittsburgh
Interstate variation in healthcare utilization among children with ASD	\$492,828	Q5.S.A	University of Pennsylvania
Penn State AAC Leadership Project: Preparing faculty in AAC research & personnel preparation to improve services & results for high-need children with severe communication disorders	\$499,934	Q5.L.C	Pennsylvania State University-University Park
Project IMPRESS - Interactive Master's: Preparing, Responding, Enhancing School-based Speech-Language Pathologists	\$199,980	Q5.L.C	Bloomsburg University of Pennsylvania
Reducing obesity risk in children with developmental disabilities	\$29,999	Q5.L.D	Temple University
Early intervention/early childhood special education autism specialization	\$250,000	Q5.Other	University Of Pittsburgh
Training school psychologists as specialists in the inclusion of students with autism	\$0	Q5.Other	Lehigh University
Penn State Children's Communicative Competence Project	\$249,927	Q5.Other	Pennsylvania State University-University Park
PA Community on Transition: Achieving outcomes through a shared agenda	\$281,250	Q6.L.A	Pennsylvania Office of Vocational Rehabilitation - Department of Labor & Industry
Extended School Year/Summer Camp (ESY/SC)	\$0	Q6.L.A	S.A.F.E., Inc. (Supporting Autism and Families Everywhere)
Estimating the economic costs of autism	\$37,500	Q6.L.D	University of Pennsylvania
Ethics of communicating scientific findings on autism risk	\$533,354	Q7.E	Drexel University School of Public Health
Autism Treatment Network (ATN) 2011- U of Pittsburgh	\$140,000	Q7.N	University of Pittsburgh
Autism Treatment Network (ATN) 2011- CHOP	\$140,000	Q7.N	Children's Hospital of Philadelphia

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Creating the Developmental-Behavioral Pediatrics Research Network	\$220,000	Q7.N	Children's Hospital of Philadelphia
ACE Center: Subject assessment and recruitment core	\$845,682	Q7.Other	University of Pittsburgh

